

WHAT IS CLAIMED IS:

1. A facsimile use modem apparatus, comprising:
  - an analog interface formed from a silicon data access arrangement operative to interface with an analog telephone  
5 line;
  - a digital interface operative to interface with an ISDN line;
  - a signal converting device configured to convert a modem signal used in facsimile communications via the analog  
10 telephone line into a signal used in the ISDN line, vice a versa;
  - a monitoring device configured to monitor a progress of the G3 facsimile communications via the ISDN, said monitor being connected to the silicon data access arrangement; and  
15 a data transmitting device operative to transmit linear data to the speaker via the silicon data access arrangement.
2. The facsimile use modem apparatus according to claim 1, wherein said linear data is formed from facsimile sending  
20 data and facsimile data.
3. The facsimile use modem apparatus according to claim 2, further comprising a volume adjusting device configured to multiply each of the facsimile sending and reception data  
25 by a prescribed gain when a volume of the speaker is adjusted.
4. The facsimile use modem apparatus according to claim 1, further comprising a data canceling device configured to

cancel excessive facsimile communications data when a clock of the ISDN line is faster than that of the modem.

5        5. The facsimile use modem apparatus according to claim 4, further comprising a noise suppressing device operative to suppress noises output from the speaker by repeatedly using a previous data when the clock of the ISDN line is slower than that of the modem.

10        6. The facsimile use modem apparatus according to claim 2, wherein said silicon data access arrangement, speaker, and ISDN interface collectively form a network control unit of the facsimile.

15        7. A facsimile apparatus including the modem as claimed in any one of claims 1 to 6.

20        8. A network connecting a facsimile apparatus having the modem as claimed in any one of claims 1 to 6.